

# Work Order ID 51965

September 10, 2009 3:02:03 PM



Page 1

Item ID: D350-636-107A

Accept



Setup Start



Revision ID: A

Stop



Item Name: Fwd Cable Guard Installation

Start Date: 9/14/09 Start Qty: 4.00



Cust Item ID:

Required Date: 9/24/09 Req'd Qty: 4.00

Customer:

Reference:

Approvals:

Process Plan:

*[Signature]*

Date:

09-9-10

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI 9457

A

100

0.00



DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D350-636-107A/ DSI9457  
CHG001

*N/A*

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

*9/9/30 4x 5p*

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

*Sorlu*

*(4x) 5p*

**Work Order ID 51965**

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Page 2

Item ID: D350-636-107A

Accept

Revision ID: A

Item Name: Fwd Cable Guard Installation

Start Date: 9/14/09 Start Qty: 4.00

Required Date: 9/24/09 Req'd Qty: 4.00

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D3550-636-107A/ DSI9457

Location: \_\_\_\_\_

PPP rev: \_\_\_\_\_

PPP 51964

9/11/19 (4) SJ

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/11/19 SJ

PP 09-11-19  
(4)

# Picklist Print

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Page 1

Work Order ID: 51965

Parent Item: D350-636-107ARevA

Parent Item Name: Fwd Cable Guard Installation

Start Date: 9/14/09

Required Date: 9/24/09

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3927-1RevA Guard		Manufactured	No			110	Each	0.0000	4.0000	2 5196750		2 X 52296 50 9110129
D3928-1RevA Bracket		Manufactured	No			110	Each	12.0000	8.0000			

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST139A

12

51693

12

110

Each

208.0000

8.0000

51693 50

9/9/30 40 50

AN4-14A



Bolt

Purchased

No

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

208

107534

19

110372

189

110372 50

# Picklist Print

September 10, 2009 3:02:02 PM

Work Order ID: 51965

Parent Item: D350-636-107ARevA

Parent Item Name: Fwd Cable Guard Installation

Start Date: 9/14/09

Required Date: 9/24/09

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4		Purchased	No			110	Each	8,415.000	8.0000			



Nut

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 8415

105938 36

107499 5

108145 36

110450 1

110507 184

111827 5996

112314 1972

15924 0

7690 24

8182 41

9629 120

112314 SP

NAS1149D0463J

Purchased

No

110

Each

276.0000

16.0000



Washer

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 276

110914 276

110914 SP

9/9/30 @ SP

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-636 REV. F OR EARLIER

REF. FAA STC: SR00646SE

REF. TCCA STC: SH99-7

REF. CAA AIRWORTHINESS APPROVAL NOTE: 28081, 28082

The D350-636-107 Cable Guard kit may be installed on D350-636-011/-013 Skidtube installations during hoisting operations to prevent damage to the cable and skidtube. The D350-636-107 Cable Guard Kit consists of the D350-636-107A Forward Cable Guard and the D350-636-107B Aft Cable Guard Kits. The D350-636-107A/-107B kits may be installed separately or in combination. See Figure 1 Sheet 2 for details.

The D350-636-107A Fwd Cable Guard Kit may be installed as follows:

- 1) Remove the forward 2x 350A41-1027-20 bolts (with OEM crosstubes installed) or 2x AN4-41A bolts and D3501-1 bushings (with Dart crosstubes installed) holding the forward LH saddle in place.
- 2) Insert the bolts or bolts and bushings through the holes provided in the D3928-1 bracket and reinstall per Aircraft Maintenance Manual or relevant STC.
- 3) Remove the aft 2x 350A41-1027-20 bolts (with OEM crosstubes installed) or 2x AN4-41A bolts and D3501-1 bushings (with Dart crosstubes installed) holding the forward LH saddle in place.
- 4) Insert the bolts or bolts and bushings through the holes provided in the D3928-1 bracket and reinstall per Aircraft Maintenance Manual or relevant STC.
- 5) Position the D3927-1 forward cable guard between the tangs of the D3928-1 bracket centered over the crosstube saddle and against the skidtube. Transfer drill 2x  $\varnothing 0.257$  holes from the D3928-1 bracket to the D3927-1 forward cable guard. Remove D3927-1 forward cable guard and deburr holes.
- 6) Install the D3927-1 forward cable guard into the brackets using the hardware as shown in Figure 2 Sheet 3.

The D350-636-107B Aft cable guard kit may be installed as follows:

- 1) Slide the D3927-3 aft cable guard over the outboard ground handling lugs on the LH skidtube.
- 2) Insert the BLBS-020 pip pin into the hole at the aft end of the D3927-3 cable guard to secure it in place. See Figure 3 Sheet 4 for details.

## WEIGHT AND BALANCE

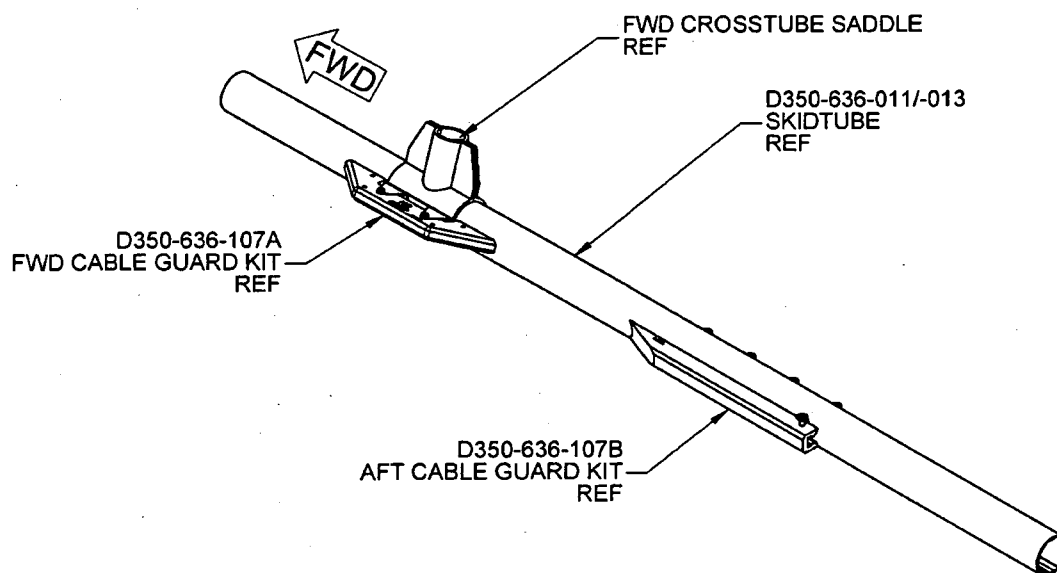
Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D350-636-107 Cable Guard Kit	1.80 lb 0.82 kg	42.79 in 1.09 m	77.02 in-lb 0.89 m-kG	112.97 in 2.87 m	203.35 in-lb 2.35 m-kG
D350-636-107A Fwd Cable Guard	0.95 lb 0.43 kg	42.89 in 1.09 m	40.75 in-lb 0.47 m-kG	106.29 in 2.70 m	100.98 in-lb 1.16 m-kG
D350-636-107B Aft Cable Guard	0.85 lb 0.39 kg	42.19 in 1.07 m	35.86 in-lb 0.42 m-kG	137.48 in 3.49 m	116.86 in-lb 1.36 m-kG

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NO. 51965

A	NEW ISSUE	<del>09</del>	09.04.01
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DESIGN	<i>PH</i>	<b>DART AEROSPACE USA, INC.</b> PORT HADLOCK, WA	
DRAWN	<i>PH</i>		
CHECKED	<i>PH</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9457	SHEET 1 OF 4
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# PARTS LIST

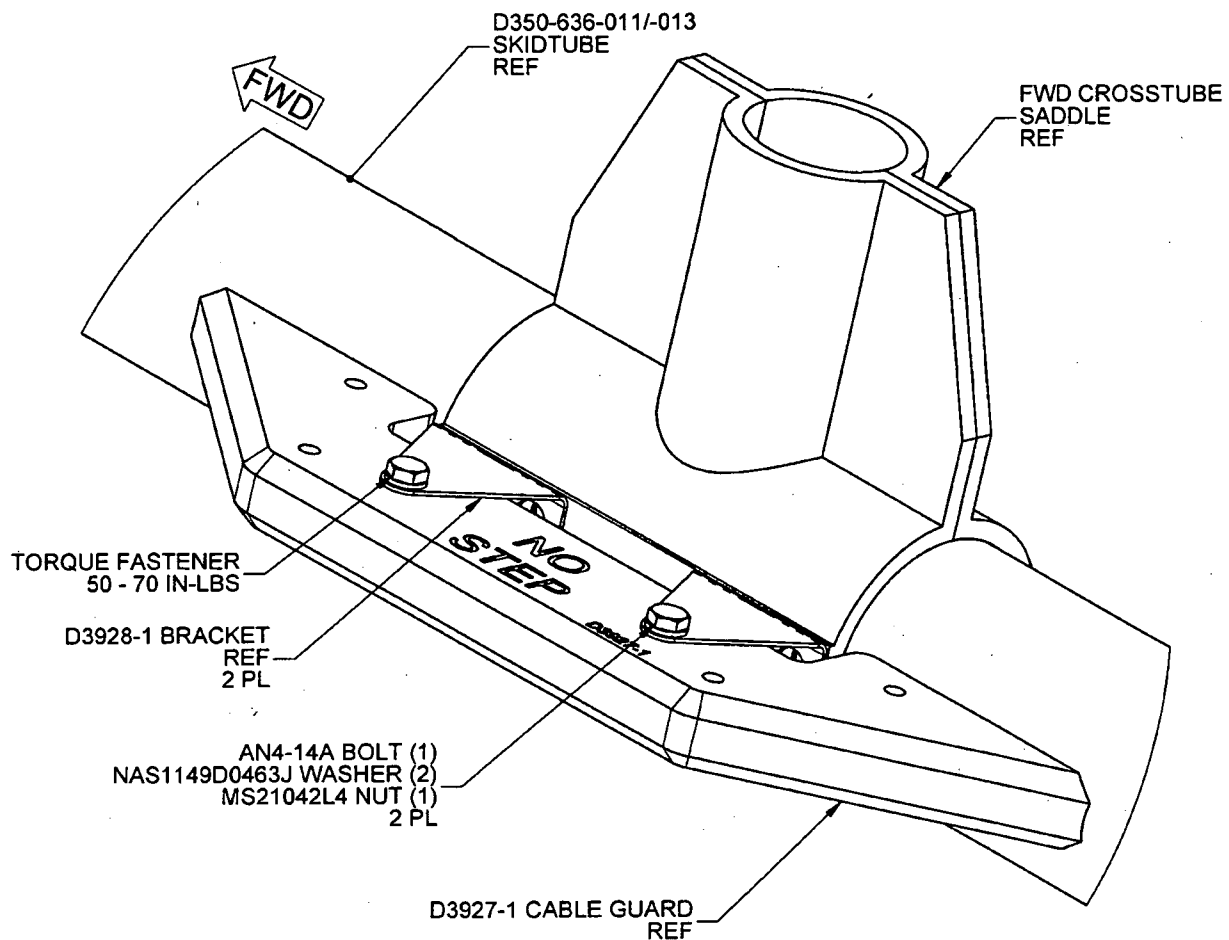
QTY. -107	QTY. -107A	QTY. -107B	PART NUMBER	DESCRIPTION
X			D350-636-107	CABLE GUARD KIT
1	X		D350-636-107A	FORWARD CABLE GUARD KIT
1		X	D350-636-107B	AFT CABLE GUARD KIT
	1		D3927-1	FORWARD CABLE GUARD
		1	D3927-3	AFT CABLE GUARD
	2		D3928-1	BRACKET
	2		AN4-14A	BOLT
		1	BLBS-020	PIP PIN
	2		MS21042L4	NUT
	4		NAS1149D0463J	WASHER



**FIGURE 1: D350-636-107 CABLE GUARD KIT**

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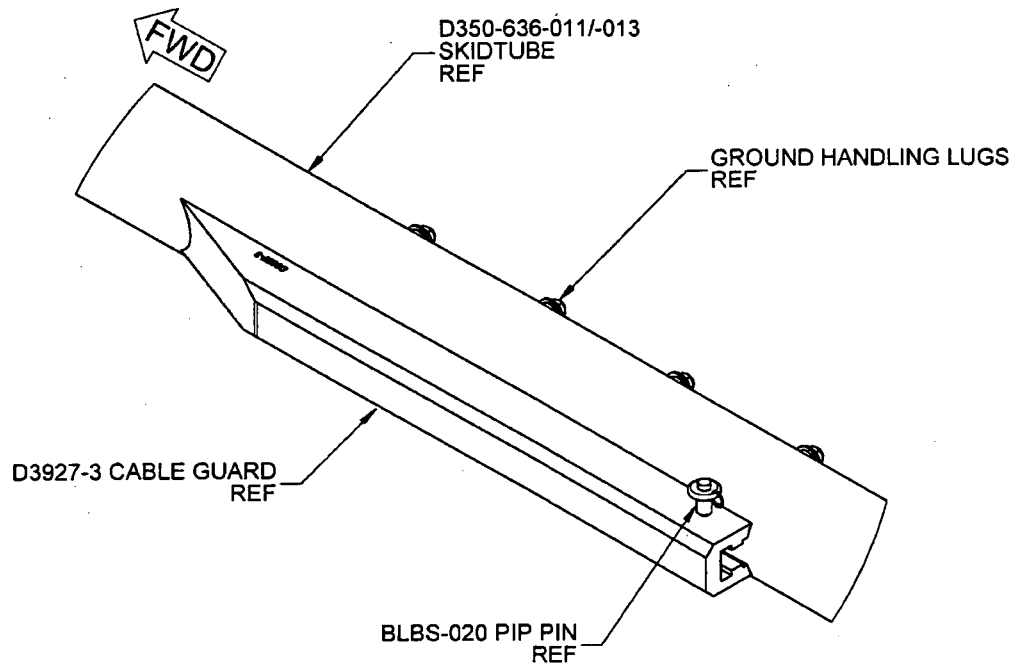
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MFG. APPR.	N/A	DSI 9457	SHEET 2 OF 4
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**FIGURE 2: D350-636-107A FWD CABLE GUARD KIT**  
ATTACH BOLTS NOT SHOWN FOR CLARITY

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**FIGURE 3: D350-636-107B AFT CABLE GUARD KIT**

NOTE:  
IT IS NECESSARY TO REMOVE THE D3927-3 CABLE GUARD IN ORDER TO MOVE  
THE AIRCRAFT ON THE GROUND USING THE GROUND HANDLING LUGS

57865

DESIGN	<i>[Signature]</i>	<b>DART AEROSPACE USA, INC.</b> PORT HADLOCK, WA	
DRAWN	<i>[Signature]</i>		
CHECKED	<i>PH</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9457	SHEET 4 OF 4
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